

Abstract of the Disclosure

**METHODS FOR MAKING RECOMBINANT PROTEINS USING APOPTOSIS INHIBITORS**

The invention provided improved methods of making and producing  
5 recombinant proteins in *in vitro* cultures of host cells using apoptosis  
inhibitors. The use of one or more apoptosis inhibitors in the methods can  
reduce apoptosis in the cell cultures and markedly improve yield of the  
desired recombinant proteins.